Request to Archive
With The National Centers for Environmental Information
For VIIRS Vegetation Health Products (VHP) from NDE
Provided by OSPO

2014-07-28

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?
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2. Name the organization or group responsible for creating the dataset.
OSPO

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.
We intend to provide a NetCDF file containing a global Vegetation Health (GVH) indices: vegetation condition index (VCI), thermal condition index (TCI), vegetation index (VHI) and metadata (i.e. cloudmask, QA, solar and sensor viewing angles).

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)
From 2015-07-15
Ongoing as continuous updates to the data record

5. Edition or version number(s) of the dataset:
None

6. Describe the level to which the data are processed. For example, are these unprocessed raw observations, derived parameters, quality controlled or inter-calibrated data, etc.?
Level 3

7. Approximate date when the dataset was or will be released to the public:
2015-07-31

8. Who are the expected users of the archived data? How will the archived data be used?
CPC, NCEP/EMC

9. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?
No

10. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

N/A

11. List the input datasets and ancillary information used to produce the data.

VIIRS Visible and near IR channels

AVHRR NDVI and BT Climatology

IGBP Land Cover Map

USGS Land See Mask

12. List web pages and other links that provide information on the data.

Comply with NDE requirements.

13. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. ATBD
   SMM
   UM

14. Indicate the data file format(s).

1. netCDF-4

15. Are the data files compressed?

No

16. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

GVH4kmVH_v1r0_npp_s20080101hhmmsss_e20080107hhmmsss_c20090824112355.nc

Where,

GVH4kmVH denotes the product name (Global Vegetation Health, 4km, VH file)

.The version of this product, which is 1.0 (v1r0)

.The platform from which this file was created is the NPP satellite.

Start date and time of the data is January 1, 2008, hhmmsss = '0000000'

End date and time of the data is January 7, 2008. hhmmsss = '2359599'

This output product file was created by NDE on August 24, 2009 at 11:23:55 UTC (c20090824112355).

The file is a netCDF4 file (.nc extension).

17. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

18. What is the total data volume to be submitted?

<u>Historic Data: all historic data or data submitted as a completed collection.</u>

Total Data Volume: 200MB

Number of Data Files: 1

Continuous Data: data volume rate for a continuous data production.

Total Data Volume Rate: 200MB per Week

Data File Frequency: 1 per Week

Data Production Start: 2015-07-31

19. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

No additional updates, revisions or replacement data are anticipated.

20. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: Suitland, Maryland

System Name: NDE

System Owner: OSPO

Additional Information:

21. What are the possible methods for submitting the data to NCEI? Select all that apply.

1. FTP PULL
2. FTP PUSH

22. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

1. Unknown

23. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

24. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

Without archiving the users' requests would not be met from CPC and USDA.

25. Are the data archived at another facility or are there plans to do so? Please explain.

No

26. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

No

27. Do you have a data management plan for your data?

No

28. Have funds been allocated to archive the data at NCEI?

No

29. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

PSDI funded project: VIIRS VHP

30. Is there a desired deadline for NCEI to archive and provide access to the data?

Archive by: 2015-07-31

Accessible by:

31. Add any other pertinent information for this request.

None